

Remarks/Arguments

In an Office Action dated May 30, 2007, claim 22 was objected to for an informality, claims 6-10 were rejected under § 112 and claims 65 and 66 were rejected under § 101, with claims 1-5, 11-21, 28-30, 33, 44, 46, 58 and 60 being allowable. Applicants have addressed the objection and § 112 rejections and cancelled claims 65 and 66.

Claim Objections

Claim 22 was objected to for an informality. It has been corrected.

Section 112 Rejections

Claims 6 and 7 were rejected under § 112 as there are two providing steps in claim 5. The claims have been amended to specify which providing step is intended to be modified.

Section 101 Rejections

Claims 65 and 66 were rejected under § 101 as being directed to non-statutory subject matter. While Applicants believe that the step of measuring samples to obtain the associated values of the plurality of genes when combined with the following steps including the identifying step provided the required physical transformation to meet the practical application requirement and that a useful, concrete and tangible result was developed, particularly when claim 1 of *Arrhythmia* was considered as a statutory example, Applicants have cancelled claims 65 and 66 to expedite issuance of the remaining claims.

CONCLUSION

Based on the above remarks, Applicants respectfully submit that all of the present claims are allowable. Reconsideration is respectfully requested.

Respectfully submitted,

August 28, 2007

Date

/Keith Lutsch/

Keith Lutsch, Reg. No. 31,851

Wong, Cabello, Lutsch,

Rutherford & Brucculeri, L.L.P.

20333 SH 249. Suite 600

Houston, TX 77070

832/446-2405